

**ENCROACHMENT PERMIT**  
( to be completed by applicant )

PACIFIC BELL MOBILE SERVICES, a California corporation, "Permittee," hereby requests permission to construct and maintain wireless communications facilities and conduct soil borings for preliminary geotechnical foundation investigations at **one location** encroaching in the public right-of-way as shown on the attached drawings. Upon issuance of this permit, Permittee agrees to comply with the attached terms and conditions.

Dated DECEMBER 9, 1996

PACIFIC BELL MOBILE SERVICES, a California corporation

By *[Signature]*

Title RP MANAGER *G-649*

**ENCROACHMENT PERMIT APPROVAL**  
( to be completed by City )

This permit shall become effective upon the approval of the Departments listed below. Issuance of this permit shall not be construed as a waiver of any other applicable permit or requirement, but is only revocable permission to use the land for the purposes above described.

<input checked="" type="checkbox"/> Public Utilities Water	<u><i>[Signature]</i></u>	<u>12/5/96</u>
<input checked="" type="checkbox"/> Public Utilities Electric	<u><i>[Signature]</i></u>	<u>12-5-96</u>
<input checked="" type="checkbox"/> Park and Recreation	<u><i>[Signature]</i></u>	<u>12/5/96</u>
<input checked="" type="checkbox"/> Planning	<u><i>[Signature]</i></u>	
<input checked="" type="checkbox"/> Property Services	<u><i>[Signature]</i></u>	<u>12/5/96</u>

Upon obtaining the above signatures, return this permit to the Public Works Department for final approval.

Dated 12/10/96

*[Signature]*  
Barry Bell  
Public Works Director

Attachments: Terms and Conditions  
Pacific Bell Mobil Services Drawings (as described above)

Encroachment Permit No. 1380

## TERMS AND CONDITIONS

The following terms and conditions apply to encroachment permit number 1380

1. Permittee acknowledges that the areas of encroachment ("the areas") are owned or controlled by the City of Riverside.
2. Permittee acknowledges that the areas could at any time be needed for a proposed or planned public improvement and the City may require Permittee to relocate Permittee's facilities at Permittee's expense. City shall provide written notice of relocation to Permittee pursuant to the terms and conditions of the Master Communications Site License Agreement approved by the City Council of the City of Riverside on March 26, 1996, per City Council Minutes Vol. 81 Page 320. Permittee shall within the time prescribed by the City, remove and relocate all improvements necessary for the planned public improvement. If Permittee fails to abide by the relocation request of the City, the City shall have the right to remove Permittee's facilities without reimbursement to Permittee. The cost of such removal shall constitute a debt owed to the City and shall be paid by Permittee to the City.

Whenever the City causes the grading, widening, or other City improvement of the areas occupied by Permittee, and such grading, widening, or other City improvement requires the relocation of Permittee's then-existing facilities within the areas, the City shall:

Provide Permittee, within a reasonable time prior to the commencement of such grading or widening, written notice requesting such relocation; and

Provide Permittee with copies of any available plans and specifications for such grading or widening.

After receipt of such notice, plans and specifications, and pursuant to said terms and conditions contained in said Master Communications Site License Agreement, Permittee shall relocate such facilities which are in conflict with City construction and such relocation shall be at no cost to the City.

3. Permittee waives the right of claim, loss, damage or action against the City resulting from revocation, termination, removal of improvements or any action of the City, its officers, agents or employees taken in accordance with the terms herein.
4. If the City Council of the City of Riverside finds that Permittee is in default of the terms of this permit, that finding shall be cause for revocation.
5. Permittee shall hold the City of Riverside harmless from and against all claims demands, costs, losses, damages, injuries, actions for damages and/or injuries, and liability in connection with the construction, encroachment, and/or maintenance to be done by Permittee within the areas. Permittee also waives and releases any and all claims against the City of Riverside and its officers and employees for future losses, expenses, lost revenues and incidental and consequential damages suffered by Permittee as a result of the City's negligently damaging Permittee's installation, except for the reasonable cost of repair.

6. Before commencing any construction on City controlled property, Permittee shall obtain a Construction Permit or Street Opening Permit from the City Public Works Department. The Permittee's contractor shall conduct construction activities in the areas as directed by the City's Construction Inspector. Particular attention shall be made to restoration of surfaces with similar materials where construction and/or investigations result in damage to public improvements. Restoration of the parkway to previously existing conditions must also be adhered to.

7. Permittee shall insure that construction of Permittee's improvements will not interfere in any way with existing City or utility facilities. The existing City facilities will require future maintenance, reconstruction and revisions and facilities may be added, any of which may result in removal or alteration of Permittee's improvements without reimbursement to the Permittee.

8. Prior to construction, Permittee shall contact Underground Service Alert to field locate existing utility lines. Any conflicts discovered will suspend the further work at the affected site until acceptable revisions are made.

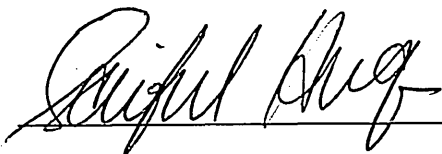
9. At the end of construction, Permittee shall furnish a complete set of as-built plans that, in addition to showing usual construction details, shall also adequately show the horizontal and vertical location of Permittee's installations and appurtenances.

11. Permittee agrees to maintain a minimum of 4.00' clearance on existing sidewalks at each location to permit unobstructed pedestrian traffic.

12. This encroachment permit is further subject to the terms and conditions of the said Master Communications Site License Agreement approved by the City Council on March 26, 1996.

Dated DECEMBER 9, 1996

PACIFIC BELL MOBILE SERVICES, a  
California corporation

By 

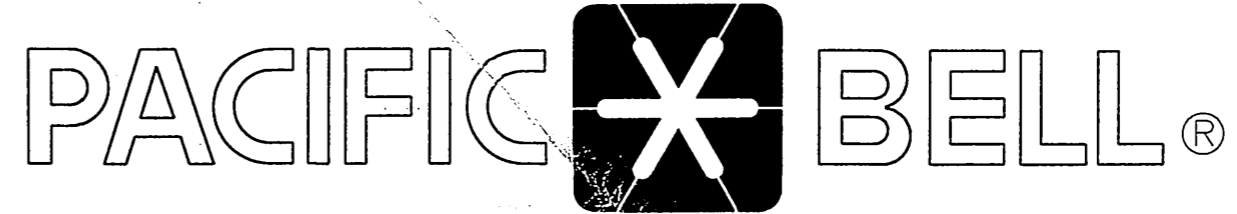
Title RF MANAGER

**Abbreviations**

BTS	BASE TRANSCIVER STATION
CO	CONDUIT ONLY
EQPT	EQUIPMENT
FUT	FUTURE
GND	GROUND
HV	HIGH VOLTAGE
ID	INSIDE DIAMETER
LA	LIGHTNING ARRESTOR
LNA	LOW NOISE AMPLIFIER
MAX	MAXIMUM
MECH	MECHANICAL
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
NTS	NOT TO SCALE
SIM	SIMILAR
SPEC	SPECIFICATION
SW	SWITCH
SWBO	SWITCHBOARD
THK	THICK(NESS)
TYP	TYPICAL
XFMR	TRANSFORMER

**Symbols**

	SECTION NUMBER	SECTION REFERENCE
	DETAIL NUMBER	DETAIL REFERENCE
	EXTERIOR ELEVATION REFERENCE	
	KEY NOTE REFERENCE	



**Mobile Services**

**PROPRIETARY INFORMATION**  
THE INFORMATION CONTAINED IN THIS SET OF CONSTRUCTION DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO PACIFIC BELL MOBILE SERVICES IS STRICTLY PROHIBITED.

DATE: NOVEMBER 27, 1996

ARCHITECT: THE BENTLEY COMPANY

DRAWN BY:

CHECKED BY:

REVISIONS

REV	DATE	DESCRIPTION	BY

**PACIFIC BELL**  
Mobile Services  
4420 ROSEWOOD DR. BLDG. 2, 4TH FLOOR  
PLEASANTON, CALIFORNIA 94588

**Sheet Index**

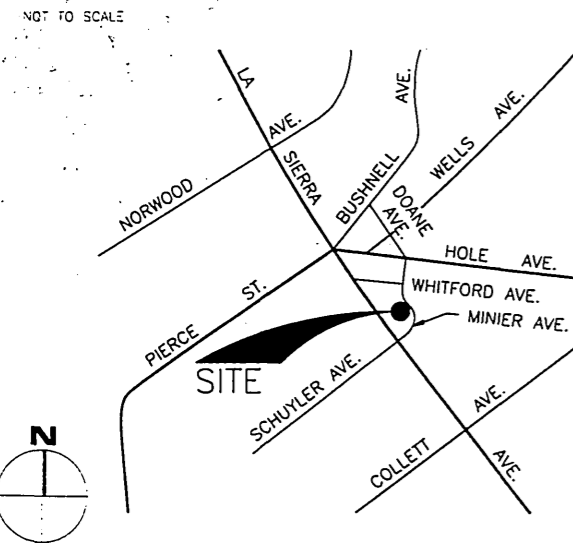
T-1	TITLE SHEET
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A-2	LEASE AREA PLAN AND SITE SECTION
A-3	ELEVATIONS
A-4	DETAILS
E-1	SITE PLAN, AND LEASE AREA DETAIL
E-2	SINGLE LINE DIAGRAM, DETAIL AND NOTES
E-3	GROUNDING PLAN, DETAILS AND NOTES

**CM-192-18  
CYLINDER ANTENNA INSTALLATION  
PINEDALE**

**Legal Description**

THIS SURVEY HAS BEEN PREPARED WITHOUT THE BENEFIT OF THE TITLE REPORT.

**Vicinity Map**



**Consultant Teams**

<b>ARCHITECT:</b> JACK ANDERSEN, ARCHITECT. SBA, Inc. 2955 REDHILL AVENUE SUITE 100 COSTA MESA, CA 92626 PHONE: (714) 825-8051 FAX: (714) 825-8070	<b>ELECTRICAL ENGINEER:</b> THE BENTLEY COMPANY 600 ANTON BLVD SUITE 850 COSTA MESA, CA 92626 PHONE: (714) 434-1800 FAX: (714) 434-1888 CONTACT: MARK HURD
<b>ASSOCIATE ARCHITECT:</b> THE BENTLEY COMPANY 600 ANTON BLVD SUITE 850 COSTA MESA, CA 92626 PHONE: (714) 434-1800 FAX: (714) 434-1888 CONTACT: JOE LOBASSO	<b>LAND SURVEYOR:</b> AGUILAR ENGINEERING 937 S. VIA LATA, SUITE 500 COLTON, CA 92324 PHONE: (909) 783-0101 FAX: (909) 783-0108 CONTACT: PAUL COOK

**Project Summary**

<b>OWNER:</b> CITY OF RIVERSIDE 3900 MAIN STREET RIVERSIDE, CA 92522 (909) 782-8461	<b>APPLICANT:</b> PACIFIC BELL MOBILE SERVICES 2955 REDHILL AVENUE SUITE 100 COSTA MESA, CA 92626 TELEPHONE: (714) 825-8157
<b>ZONING:</b> CITY RIGHT OF WAY	<b>OCCUPANCY:</b> 1994 USC L-2

**Approvals**

THE FOLLOWING PARTIES HEREBY APPROVE AND ACCEPT THESE DOCUMENTS AND AUTHORIZE THE CONTRACTOR TO PROCEED WITH THE CONSTRUCTION DESCRIBED HEREIN. ALL CONSTRUCTION DOCUMENTS ARE SUBJECT TO REVIEW BY THE LOCAL BUILDING DEPARTMENT AND ANY CHANGES AND MODIFICATIONS THEY MAY IMPOSE.

	PRINT NAME	SIGNATURE	DATE
LANDLORD	_____	_____	_____
PBMS MANAGER	_____	_____	_____
RF MANAGER	_____	_____	_____
SITE ACQUISITION	_____	_____	_____
AEC	_____	_____	_____

**THE BENTLEY COMPANY**  
Engineering, Architecture, Interiors, Management  
1000 Anton Boulevard, Suite 800  
Costa Mesa, California 92626  
Telephone: (714) 434-1800  
1979, Red Hill, Irvine, Santa Ana, Walnut Creek, CA 92680-5170  
Telephone: 510 945-3000

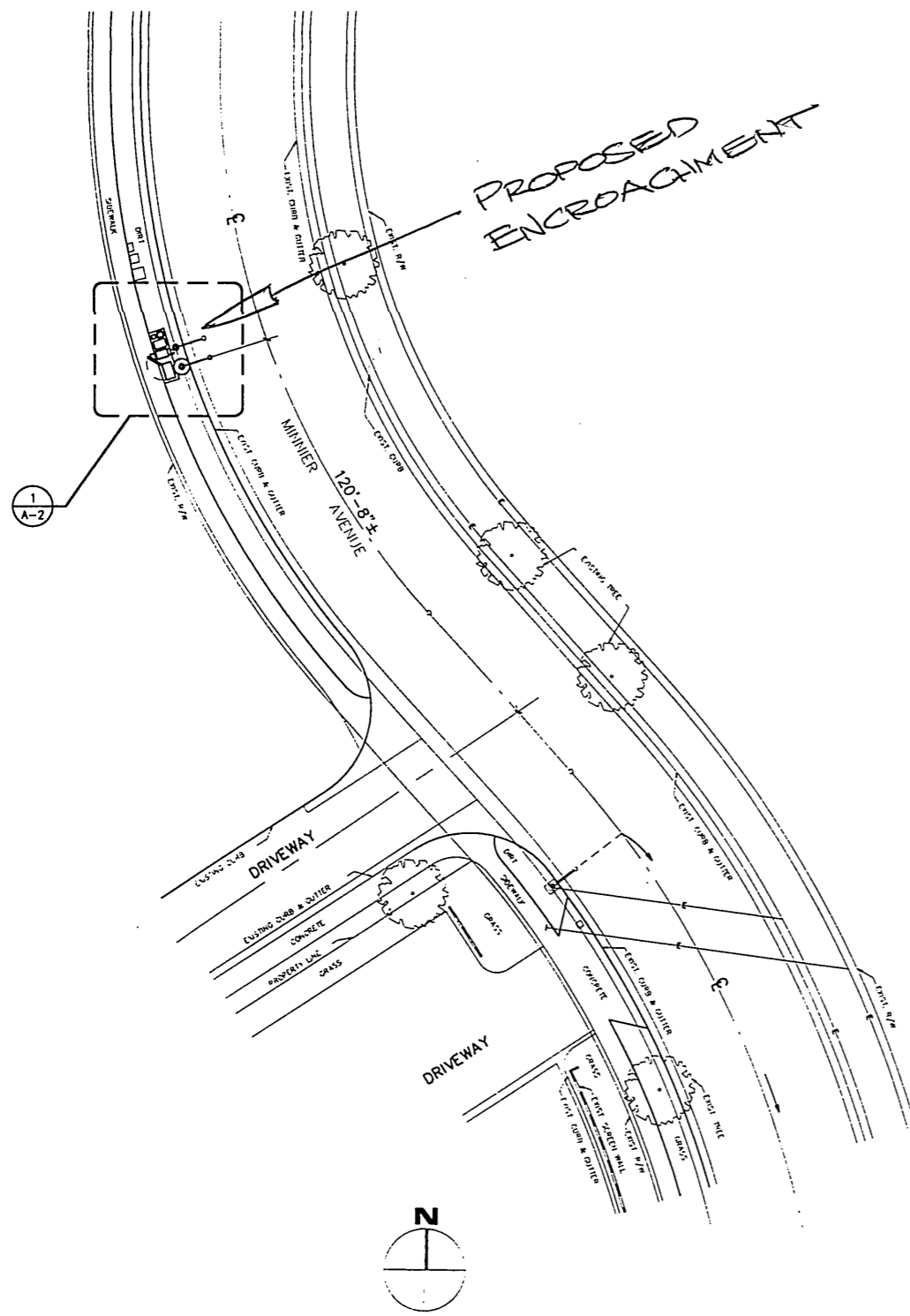
SITE NUMBER:  
**CM-192-18-PA1-BS4**

SITE TYPE:  
**CYLINDER ANTENNA  
INSTALLATION**

LOCATION:  
**PINEDALE  
4630 MINNIER AVENUE  
RIVERSIDE, CA 92505**

TITLE:  
**TITLE SHEET**

SHEET NUMBER:  
**T-1**



**GENERAL NOTES:**

1. THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF PACIFIC BELL MOBILE SERVICES (PBMS). THEY ARE NOT TO BE USED FOR ANY PURPOSES OTHER THAN THE PROJECT FOR WHICH THEY WERE PREPARED.
2. THESE DRAWINGS AND SPECIFICATIONS ARE NOT TO BE MODIFIED OR ALTERED WITHOUT THE KNOWLEDGE OF PBMS OR ITS REPRESENTATIVE, SBA, INC. AND THE WRITTEN CONSENT OF THE ARCHITECT/ENGINEER RESPONSIBLE FOR THE PREPARATION OF THESE DRAWINGS.
3. DIMENSIONS AS INDICATED ON DRAWINGS ARE TO BE USED FOR CONSTRUCTION. DO NOT SCALE DRAWINGS.
4. THE WORK INDICATED ON THE DRAWINGS SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT AND APPURTENANCES AND LABOR REQUIRED TO COMPLETE THE WORK. VERIFY ALL EQUIPMENT LOCATIONS WITH PBMS OR SBA, INC.
5. THE GENERAL CONTRACTOR SHALL PROVIDE AN ITEMIZED CERTIFICATION TO THE CONSTRUCTION MANAGER, THAT ALL EQUIPMENT AND RELATED HARDWARE, SPECIFIED TO BE PURCHASED AND INSTALLED BY THE GENERAL CONTRACTOR, WERE ORDERED WITHIN 24 HRS. OF THE NOTICE TO PROCEED.
6. PRIOR TO PRICING, THE GENERAL CONTRACTOR SHALL VISIT THE JOB SITE AND BECOME FAMILIAR WITH ALL CONDITIONS AFFECTING THE PROPOSED PROJECT, INCLUDING DEMOLITION, MECHANICAL AND ELECTRICAL INSTALLATIONS AND SHALL ADJUST THE PRICE ACCORDINGLY.
7. GENERAL CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS AND DIMENSIONS ON THE JOB SITE AND CONFIRM THAT WORK AS INDICATED ON THE CONSTRUCTION DOCUMENTS (ALSO KNOWN AS WORKING DRAWINGS) CAN BE ACCOMPLISHED AS SHOWN, BEFORE PROCEEDING WITH ANY WORK.
8. NOTIFY PBMS OR SBA, INC. OF ANY MAJOR DISCREPANCY REGARDING THE CONTRACT DOCUMENTS, EXISTING CONDITIONS AND/OR DESIGN INTENT. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THIS CLARIFICATION PRIOR TO PROCEEDING WITH THE WORK OR RELATED WORK IN QUESTION.
9. INSTALL ALL EQUIPMENT AND MATERIALS PER MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY OTHERWISE INDICATED, OR WHERE LOCAL CODES OR REGULATIONS TAKE PRECEDENCE.
10. GENERAL CONTRACTOR SHALL VISIT JOB SITE TO REVIEW THE SCOPE OF WORK AND EXISTING SITE CONDITIONS INCLUDING, BUT NOT LIMITED TO, MECHANICAL SERVICE, ELECTRICAL SERVICE AND OVERALL COORDINATION.
11. ALL TELEPHONE/RADIO EQUIPMENT LAYOUT, SPECIFICATIONS, PERFORMANCE, INSTALLATION AND THEIR FINAL LOCATION ARE TO BE APPROVED BY PBMS. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS WORK WITH THE WORK AND CLEARANCES REQUIRED BY OTHERS IN REGARDS TO SAID EQUIPMENT.
12. ALL WORK PERFORMED AND MATERIALS SHALL MEET TRADE STANDARDS. AS A MINIMUM STANDARD, CONFORM WITH ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES HAVING JURISDICTION. THE GENERAL CONTRACTOR SHALL GIVE ALL NOTICES AND COMPLY WITH ALL LAWS ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY BEARING ON THE PERFORMANCE OF THE WORK.
13. ELECTRICAL SYSTEMS SHALL BE INSTALLED PER N.E.C. AND IN ACCORDANCE WITH ALL APPLICABLE UTILITY COMPANY SPECIFICATIONS, AND LOCAL AND STATE JURISDICTIONAL CODES, ORDINANCES AND APPLICABLE REGULATIONS. SEE ELECTRICAL FOR NOTES AND/OR SPECIFICATIONS.
14. GENERAL CONTRACTOR SHALL PROVIDE CONTINUOUS SUPERVISION WHILE ANY SUBCONTRACTORS OR WORKMEN ARE ON THE JOB SITE AND SHALL SUPERVISE AND DIRECT ALL WORK. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
15. PROVIDE A PORTABLE FIRE EXTINGUISHER WITH A RATING OF NOT LESS THAN 2-A OR 2-A10BC WITHIN 75 FEET TRAVEL DISTANCE TO ALL PORTIONS OF THE PROJECT AREA DURING CONSTRUCTION.
16. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH UNIFORM BUILDING CODE (UBC) 1994 EDITION, ALONG WITH 1994 UPC, UMC, AND THE 1993 NEC.
17. CONTRACTOR SHALL PROTECT ALL EXISTING FINISHES THAT ARE TO REMAIN. CONTRACTOR SHALL REPAIR ANY DAMAGE THAT OCCURS DURING CONSTRUCTION.
18. DETAILS AND SCHEMATICS ARE TO PROPOSE AND SHOW THE END RESULT OF THE DESIGN. MINOR MODIFICATIONS MAY BE NECESSARY TO SUIT JOB CONDITIONS AND DIMENSIONS. SUCH MODIFICATIONS SHALL BE INCLUDED AS PART OF THE WORK.
19. VERIFY ALL FINAL EQUIPMENT LOCATIONS WITH PBMS OR SBA, INC.
20. DIMENSIONS ARE TO FINISH SURFACES, UNLESS OTHERWISE NOTED.

21. CLEANUP AND SAFETY: KEEP PROJECT AREA CLEAN, HAZARD FREE, AND DISPOSE OF ALL DIRT, DEBRIS, RUBBISH AND EQUIPMENT REMOVED AND NOT SPECIFIED AS REMAINING THE PROPERTY OF THE OWNER, ETC. LEAVE PREMISES IN A VACUUM AND BROOM CLEAN CONDITION: FREE FROM PAINT SPOTS, DUST, OR SMUDGES OF ANY NATURE. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL SYSTEMS EQUIPMENT IN A CLEAN WORKING ORDER UNTIL ACCEPTANCE OF THE PROJECT BY PACIFIC BELL MOBILE SERVICES (PBMS).
22. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR REDLINING THE CONSTRUCTION PLANS TO ILLUSTRATE THE AS-BUILT CONDITION OF THE SITE. THIS WILL BE DONE AFTER THE SITE HAS BEEN AWARDED THE FINAL INSPECTION. TWO (2) COPIES OF REDLINED DWG. WILL BE PROVIDED TO PACIFIC BELL MOBILE SERVICES (PBMS) AND SBA, INC.

**CONCRETE:**

1. ALL PHASES OF WORK PERTAINING TO THE CONCRETE CONSTRUCTION SHALL CONFORM TO THE "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE, ACI 318 1989 EDITION, WITH MODIFICATIONS AS NOTED IN THE CONTRACT DOCUMENTS.
2. CONCRETE SHALL HAVE MINIMUM COMPRESSIVE STRENGTH  $F'_c=2500$  PSI AT 28 DAYS. (INSPECTION NOT REQUIRED). CONCRETE MIX DESIGN SHALL CONFORM TO UBC SECTION 1905.
3. PORTLAND CEMENT SHALL CONFORM TO ASTM C-150, TYPE II.
4. AGGREGATE FOR HARDROCK CONCRETE - ASTM C-33.
5. SIX INCHES (6") MINIMUM CONCRETE SLAB THICKNESS SHALL BE MAINTAINED UNLESS OTHERWISE SHOWN.
6. CONCRETE COVER SHALL BE PROVIDED PER UBC SECTION 1907.7.1
7. REINFORCING BARS, ANCHOR BOLTS AND OTHER CONCRETE INSERTS SHALL BE WELL SECURED IN POSITION PRIOR TO PLACING CONCRETE.
8. PROVIDE SCHEDULE 40 STEEL PIPE SLEEVES FOR ELECTRICAL OPENINGS IN CONCRETE BEFORE PLACING. DO NOT CUT ANY REINFORCING WHICH MAY CONFLICT. CORING IN CONCRETE IS NOT PERMITTED.

**REINFORCING STEEL:**

1. ALL REINFORCING STEEL SHALL BE DETAILED AND PLACED IN CONFORMANCE WITH THE "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" (ACI - 318 1989 EDITION), OR MODIFIED BY THE CONSTRUCTION DOCUMENTS.
2. REINFORCING BARS SHALL BE A615 GRADE 60 - #5 AND LARGER, AND GRADE 40 - #3 AND #4.
3. NO WELDING OF REINFORCEMENT.
4. ALL REINFORCING BAR BENDS SHALL BE MADE COLD.
5. REINFORCING SPLICES SHALL BE MADE TO DEVELOP THE BAR OR AS INDICATED ON THE DRAWINGS.
6. DOWELS BETWEEN FOOTINGS AND WALLS OR COLUMNS SHALL BE THE SAME GRADE, SIZE AND SPACING AS THE VERTICAL REINFORCING RESPECTIVELY, UNLESS NOTED OTHERWISE.

**SPECIAL INSPECTION:**

1. SPECIAL INSPECTION BY A LICENSED BUILDING INSPECTOR, APPROVED BY THE STRUCTURAL ENGINEER AND BUILDING DEPT. SHALL BE REQUIRED FOR ALL MASONRY CONSTRUCTIONS AND INSTALLATION OF EXPANSION ANCHORES.
2. STRUCTURAL OBSERVATION BY A REGISTERED ENGINEER OR LICENSED ARCHITECT SHALL BE PROVIDED PER UBC 1994 SECTION 1702.

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DATE: NOVEMBER 27, 1996  
ARCHITECT: THE BENTLEY COMPANY

DRAWN BY:  
CHECKED BY:

REVISIONS			
REV	DATE	DESCRIPTION	BY

**PACIFIC BELL**  
Mobile Services  
4420 ROSEWOOD DR. BLDG. 2, 4TH FLOOR  
PLEASANTON, CALIFORNIA 94588

**SBA**  
SBA Consulting Services, Inc.  
Project Office:  
2050 Redhill Avenue  
Cupertino, CA 95060  
(714) 825-8051  
(714) 825-8052

**BENTLEY**  
THE BENTLEY COMPANY  
Engineering, Architecture, Management  
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Cupertino, California 95060  
Telephone: (714) 825-8051  
1777 Hutchins Drive, Suite 300  
Pleasanton, CA 94566  
Telephone: (916) 945-3500

SITE NUMBER:  
CM-192-18-PA1-BS4

SITE TYPE:  
CYLINDER ANTENNA  
INSTALLATION

LOCATION:  
PINEDALE  
4630 MINNIER AVENUE  
RIVERSIDE, CA 92505

TITLE:  
SITE PLAN AND  
GENERAL NOTES

SHEET NUMBER:  
**A-1**

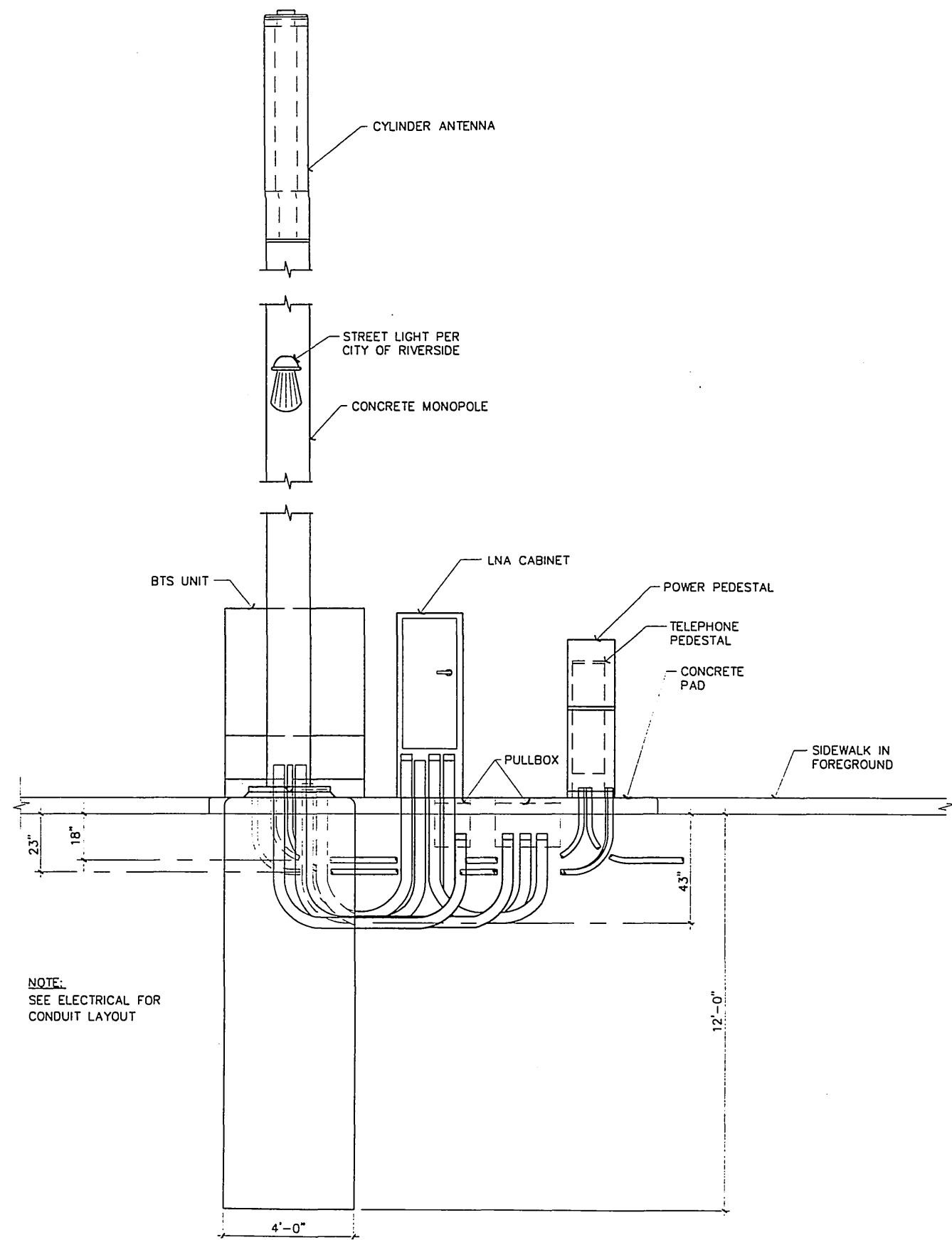
**SITE PLAN AND GENERAL NOTES**

SCALE: 1"=20'

1

E-1380

12-34  
17/02/1996  
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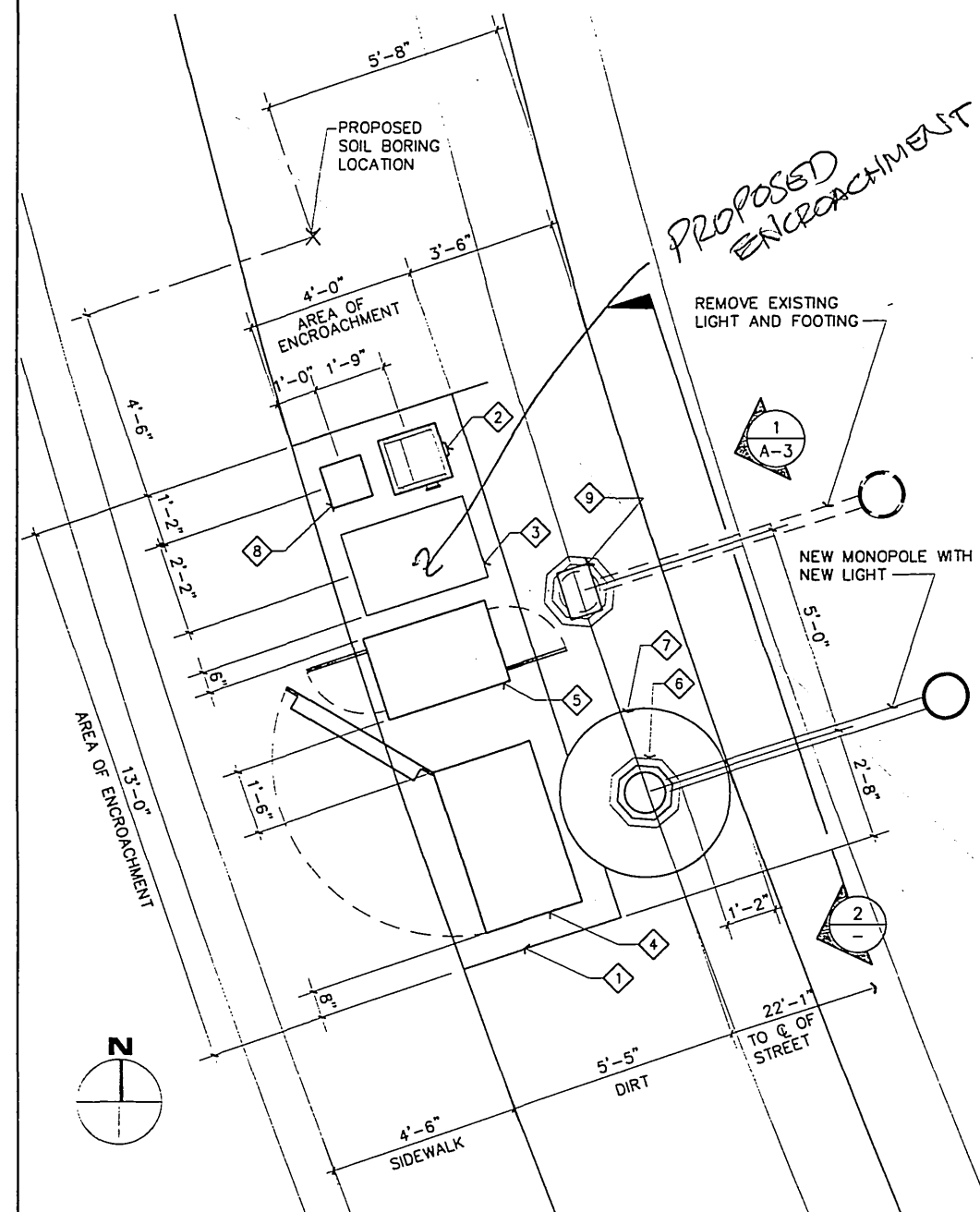


NOTE:  
SEE ELECTRICAL FOR  
CONDUIT LAYOUT

SITE SECTION

SCALE:  
1/2"=1'-0"

2



CONSTRUCTION NOTES:

- ① CONCRETE PAD FOR EQUIPMENT. SEE 1/A-4
- ② POWER PEDESTAL.
- ③ PULL-BOX. SEE ELECTRICAL
- ④ PRIMARY BASE TRANSCIVER STATION (BTS) (PROVIDED AND INSTALLED BY PBMS). SEE 2/A-3
- ⑤ LNA CABINET. SEE 3/A-3
- ⑥ NEW POLE WITH CYLINDER ANTENNA AND STREET LIGHT. SEE 3/A-4
- ⑦ NEW CONCRETE CAISSON FOUNDATION BY OTHERS. SEE 2/A-4
- ⑧ TELEPHONE PEDESTAL.
- ⑨ INSTALL NEW PULLBOX.

NOTE:

- 1. NO WORK SHALL OCCUR ON PRIVATE PROPERTY. ALL WORK SHALL BE CONFINED TO PUBLIC RIGHT-OF-WAY.
- 2. THE COLOR OF THE CONCRETE POLE SHOULD BE NATURAL GREY.
- 3. EQUIPMENT AND POLE SHOULD RECEIVE AN ANTI-GRAFFITI FINISH.
- 4. THE ARM OF THE STREET LIGHT SHOULD BE GALVANIZED STEEL.
- 5. NOTIFY AN UNDERGROUND UTILITY SERVICE BEFORE BORING ANY HOLES.
- 6. ALL EQUIPMENT CABINETS SHOULD BE PAINTED SINCLAIR "FOREST GREEN" AS APPROVED BY CITY PLANNING DEPARTMENT.

LEASE AREA PLAN

SCALE:  
1/2"=1'-0"

1

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**PACIFIC BELL**  
Mobile Services  
4420 ROSEWOOD DR. BLDG. 2, 4TH FLOOR  
PLEASANTON, CALIFORNIA 94588

**SBA** Consulting Services, Inc.  
Project Office:  
2955 Redhill Avenue  
Costa Mesa, CA 92626  
(714) 825-8051  
(714) 825-8052

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Telephone: 714-441-1111  
1777 Wilshire Drive, Suite 300  
Malibu, CA 90261  
Paradise 510 160-1611

SITE NUMBER:  
CM-192-18-PA1-BS4

SITE TYPE:  
CYLINDER ANTENNA  
INSTALLATION

LOCATION:  
PINEDALE  
4630 MINNIER AVENUE  
RIVERSIDE, CA 92505

TITLE:  
LEASE AREA PLAN  
AND SITE SECTION

SHEET NUMBER:  
A-2

E-1380

95.29  
12/02/1996  
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DATE: NOVEMBER 27, 1998  
 ARCHITECT: THE BENTLEY COMPANY  
 DRAWN BY:  
 CHECKED BY:

REVISIONS			
REV	DATE	DESCRIPTION	BY
△			
△			
△			
△			

**PACIFIC BELL**  
 Mobile Services  
 4420 ROSEWOOD DR. BLDG. 2, 4TH FLOOR  
 PLEASANTON, CALIFORNIA 94588

**SBA**  
 SBA Consulting Services, Inc.  
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 (714) 825-8052

**BENTLEY**  
 THE BENTLEY COMPANY  
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 600 Avila Boulevard, Suite 100  
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 Telephone: 714-424-1000  
 1777 Buckhorn Drive, Suite 200  
 Walnut Creek, CA 94598-5178  
 Facsimile: 510-945-3550  
 Telephone: 510-945-3500

SITE NUMBER:  
**CM-192-18-PA1-BS4**

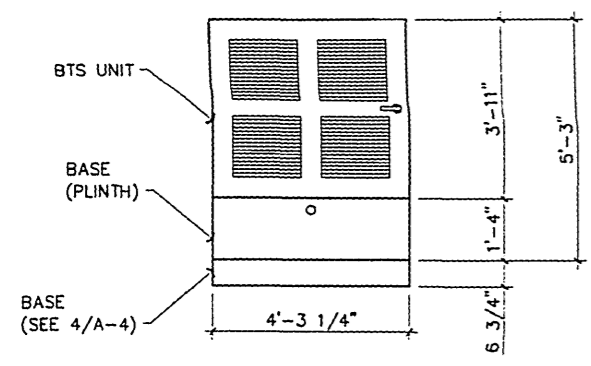
SITE TYPE:  
**CYLINDER ANTENNA  
 INSTALLATION**

LOCATION:  
**PINEDALE  
 4630 MINNIER AVENUE  
 RIVERSIDE, CA 92505**

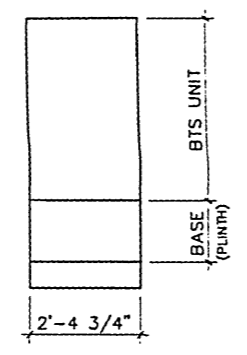
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**ELEVATIONS**

SHEET NUMBER:  
**A-3**

E-1380



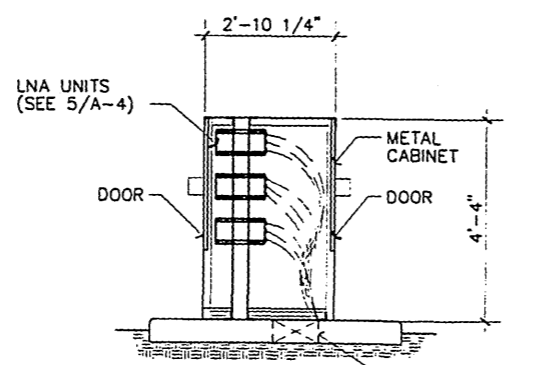
FRONT VIEW



SIDE VIEW

BTS UNIT ELEVATION

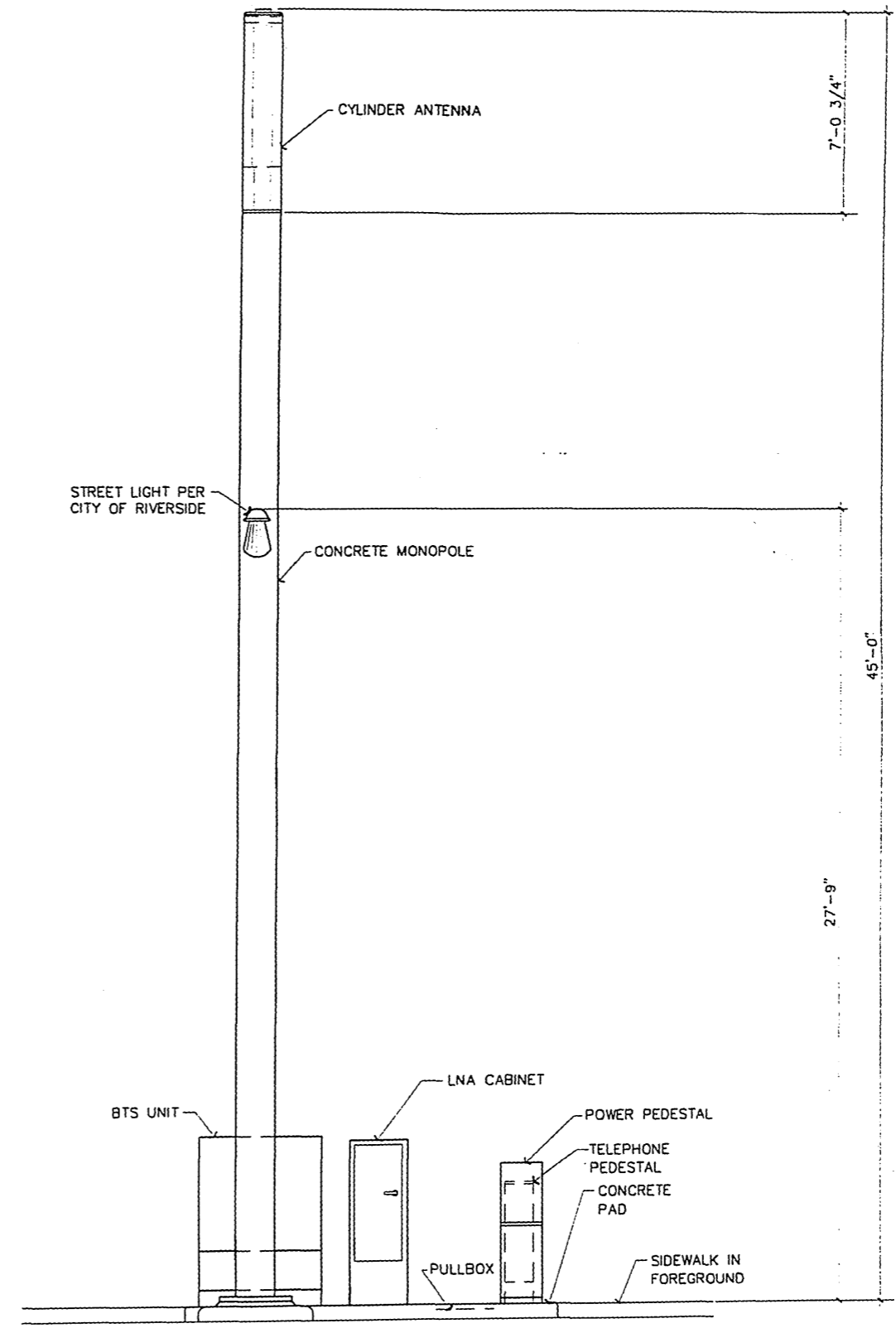
SCALE:  
 1/2"=1'-0" 2



NOTE:  
 ALL SHEET METAL SEAMS AND JOINTS SHALL BE WELDED CONNECTIONS, GROUND SMOOTH.

LNA CABINET ELEVATION

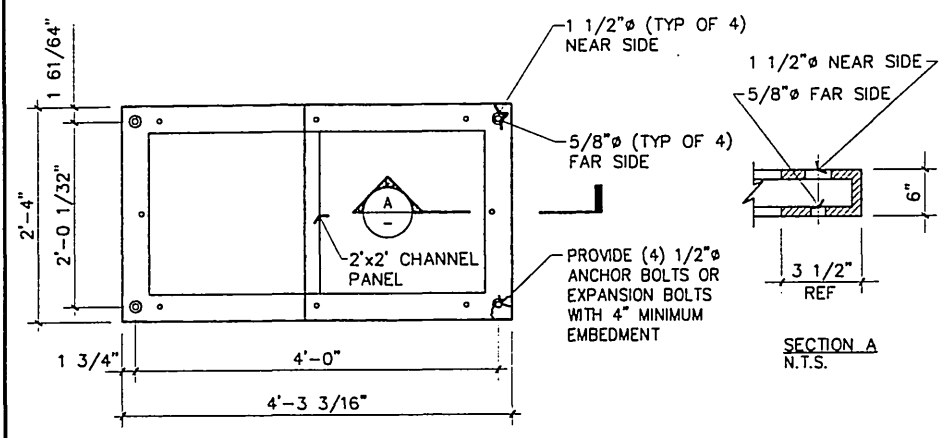
SCALE:  
 1/2"=1'-0" 3



EAST ELEVATION

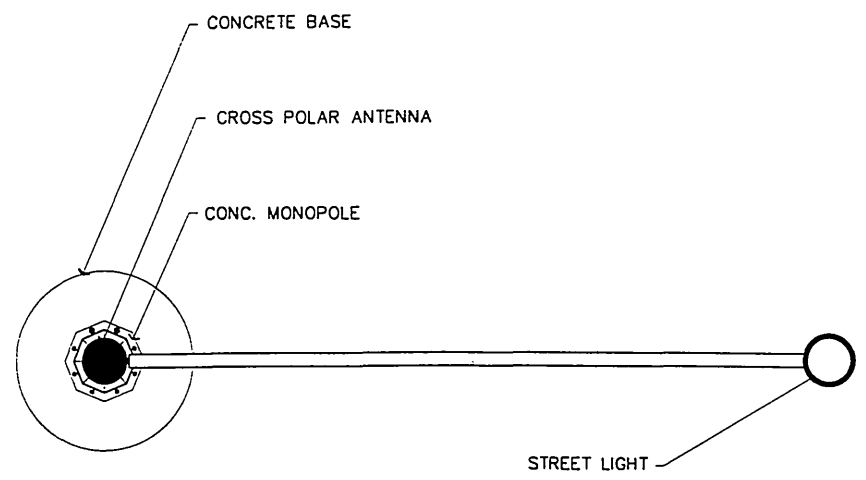
SCALE:  
 3/8"=1'-0" 1

12/02/1996  
 R:\JOB-C\0240-102\19216\A31



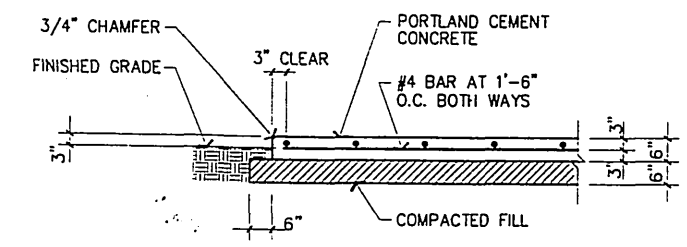
BTS BASE DETAIL

SCALE: 1"=1'-0" 4



ANTENNA PLAN VIEW

SCALE: 1/2"=1'-0" 3



TYPICAL PAD DETAIL

SCALE: 1/2"=1'-0" 1

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DATE: NOVEMBER 27, 1996  
 ARCHITECT: THE BENTLEY COMPANY  
 DRAWN BY:  
 CHECKED BY:

REVISIONS			
REV	DATE	DESCRIPTION	BY
△			
△			
△			
△			
△			

**PACIFIC BELL**  
 Mobile Services  
 4420 ROSEWOOD DR. BLDG. 2, 4TH FLOOR  
 PLEASANTON, CALIFORNIA 94588

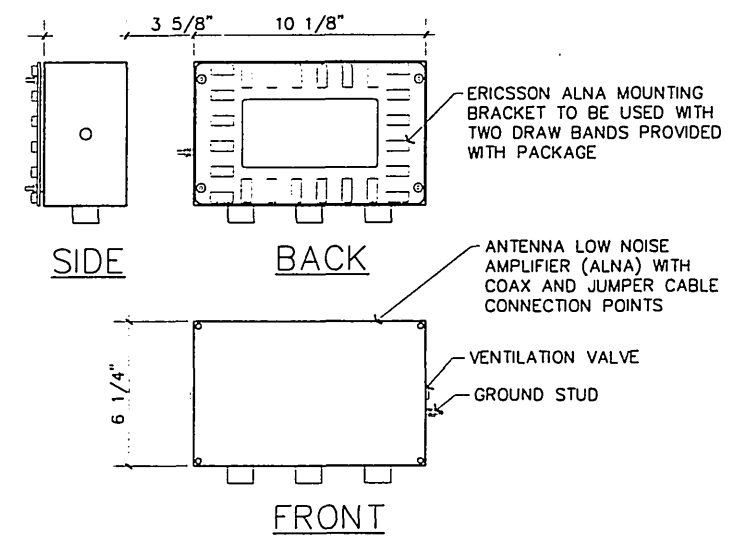
**SBA**  
 SBA Consulting Services, Inc.  
 Project Office:  
 2955 Redhill Avenue  
 Costa Mesa, CA 92626  
 (714) 825-8051  
 (714) 825-8052

**BENTLEY**  
 THE BENTLEY COMPANY  
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 800 Arden Boulevard, Suite 200  
 Costa Mesa, California 92626  
 Telephone: 714-441-1000  
 1777 Redondo Drive, Suite 200  
 Pacific Palms, CA 91068  
 Telephone: 610-616-3000

SITE NUMBER:  
 CM-192-18-PA1-BS4  
 SITE TYPE:  
 CYLINDER ANTENNA  
 INSTALLATION  
 LOCATION:  
 PINEDALE  
 4630 MINNIER AVENUE  
 RIVERSIDE, CA 92505

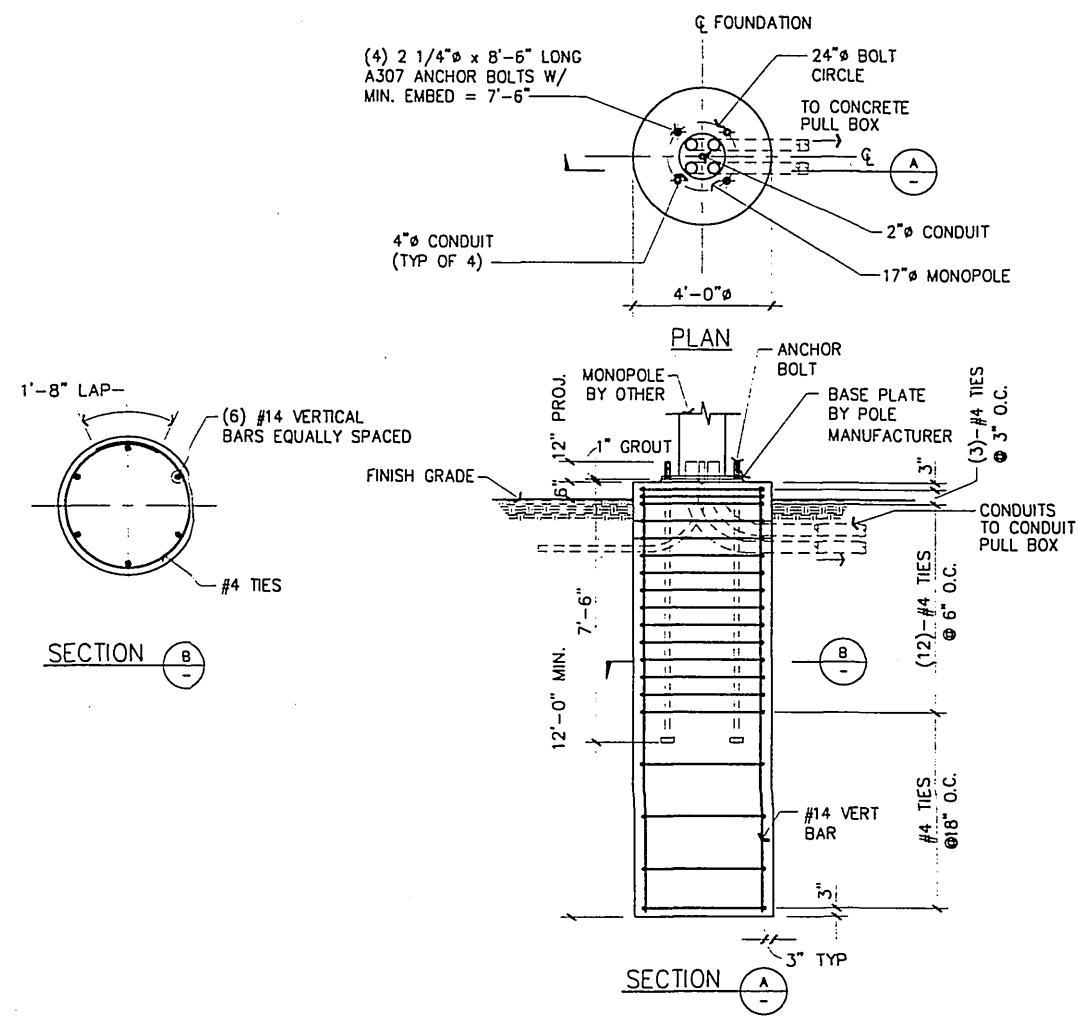
TITLE:  
 DETAILS

SHEET NUMBER:  
**A-4**



LNA DETAIL

SCALE: 3"=1'-0" 5



MONOPOLE FOUNDATION

SCALE: 3/8"=1'-0" 2

E-1380



- CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN EXCAVATING AND TRENCHING ON THIS SITE TO AVOID EXISTING DUCT, PIPING, OR CONDUITS, ETC. AND TO PREVENT HAZARD TO PERSONNEL AND/OR DAMAGE TO EXISTING UNDERGROUND UTILITIES OR STRUCTURES. THE ENGINEER IS NOT RESPONSIBLE FOR THE LOCATION OF UNDERGROUND STRUCTURES, WHETHER OR NOT SHOWN, DETAILED AND INSTALLED BY THIS OR ANY OTHER CONTRACTORS. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER SHOULD SUCH UNIDENTIFIED CONDITIONS BE DISCOVERED. THESE DRAWINGS AND SPECIFICATIONS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY.
- REFER TO CIVIL DRAWINGS AND VISIT SITE PRIOR TO WORK TO REVIEW EXISTING TOPOGRAPHY MAPS, LANDSCAPING AND CONSTRUCTION TO BECOME FAMILIAR WITH SLOPE CONDITIONS AND EXISTING CONSTRUCTION AND LANDSCAPING. ADJUST CONDUIT ROUTING INDICATED TO AVOID DISTURBING EXISTING CONSTRUCTION WHERE POSSIBLE. SAWCUT EXISTING CONSTRUCTION WHERE REQUIRED FOR CONDUIT AND STRUCTURE INSTALLATION AND PATCH TO MATCH EXISTING. REPAIR OR REPLACE ALL SOD, LANDSCAPING, SPRINKLER SYSTEMS, CONDUITS AND WIRING, PIPING, ETC., DAMAGED BY THE ELECTRICAL WORK TO MATCH EXISTING AND TO MAKE SYSTEMS OPERABLE.
- ALL WORK IS TO COMPLY WITH THE 1993 EDITION OF NATIONAL ELECTRICAL CODE (N.E.C.) AND ANY LOCAL ORDINANCES HAVING JURISDICTION.
- ALL EQUIPMENT TO BE UNDERWRITERS LABORATORIES (U.L.) LISTED.
- ALL WIRING SHALL BE COPPER WITH THHN / THWN DUAL RATED 600 VOLTS INSULATION.
- SERVICE EQUIPMENT SHALL HAVE A SHORT CIRCUIT WITHSTAND RATING EQUAL TO OR EXCEEDING THE MAXIMUM AVAILABLE FAULT CURRENT AT SUPPLY TERMINAL.
  - METER SOCKET, MAIN BREAKER, MANUAL TRANSFER SWITCH AND PANEL BOARD SHALL BE RATED FOR AVAILABLE FAULT CURRENT. DEVICES TO MATCH EXISTING MANUFACTURER. (NOT LESS THAN 10 K.A.I.C.)
- THE ELECTRIC UTILITY STRUCTURES SHOWN ARE FOR BIDDING AND PERMIT APPLICATION PURPOSES ONLY. COORDINATE WITH THE CITY OF RIVERSIDE, PUBLIC UTILITIES ELECTRIC DIVISION; DAVE BRIDE (909-782-5471) FOR ACTUAL CONSTRUCTION PLANS, SPECIFICATIONS AND SERVICE CHARGES. COORDINATE WITH THE UTILITY INSPECTOR (909-782-5429) PRIOR TO INSTALLATION OF FACILITIES AND BACKFILLING.
- SERVICE CONDUITS SHALL HAVE NO MORE THAN (2) -90 BENDS -PROVIDE PULLBOX(ES) AS REQUIRED.
- ALL ELECTRICAL EQUIPMENT SHALL BE ANCHORED TO WITHSTAND 80 M.P.H. WIND SPEED DESIGNED FOR EXPOSURE C.
- ALL COAX, POWER AND TELEPHONE SYSTEM CONDUITS SHALL HAVE MINIMUM 24" RADIUS SWEEPS TO EQUIPMENT, PULLBOXES, MONOPOLE, ETC. U.O.N., OR AS REQUIRED BY UTILITY COMPANIES.
- ALL PVC CONDUIT RUNS SHALL BE SCHEDULE 40.
- THE MAIN ELECTRIC PANEL SWITCHGEAR SHALL CONFORM TO THE EUSERC/CITY OF RIVERSIDE REQUIREMENTS. PRIOR TO MANUFACTURING, THE MAIN ELECTRIC PANEL SWITCHGEAR DRAWINGS SHALL BE APPROVED BY THE CITY OF RIVERSIDE, PUBLIC UTILITIES ELECTRIC DIVISION. SEND APPROVAL DRAWINGS TO:

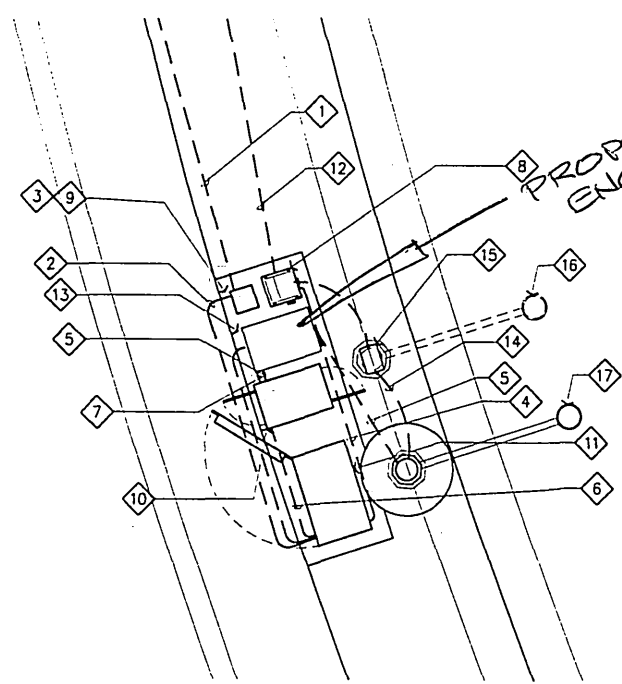
AREA SERVICE PLANNER: DAVE BRIDE  
ELECTRIC ENGINEERING 4TH FLOOR  
3900 MAIN ST.  
RIVERSIDE CA 92522

GENERAL NOTES

SCALE: N.T.S. 2

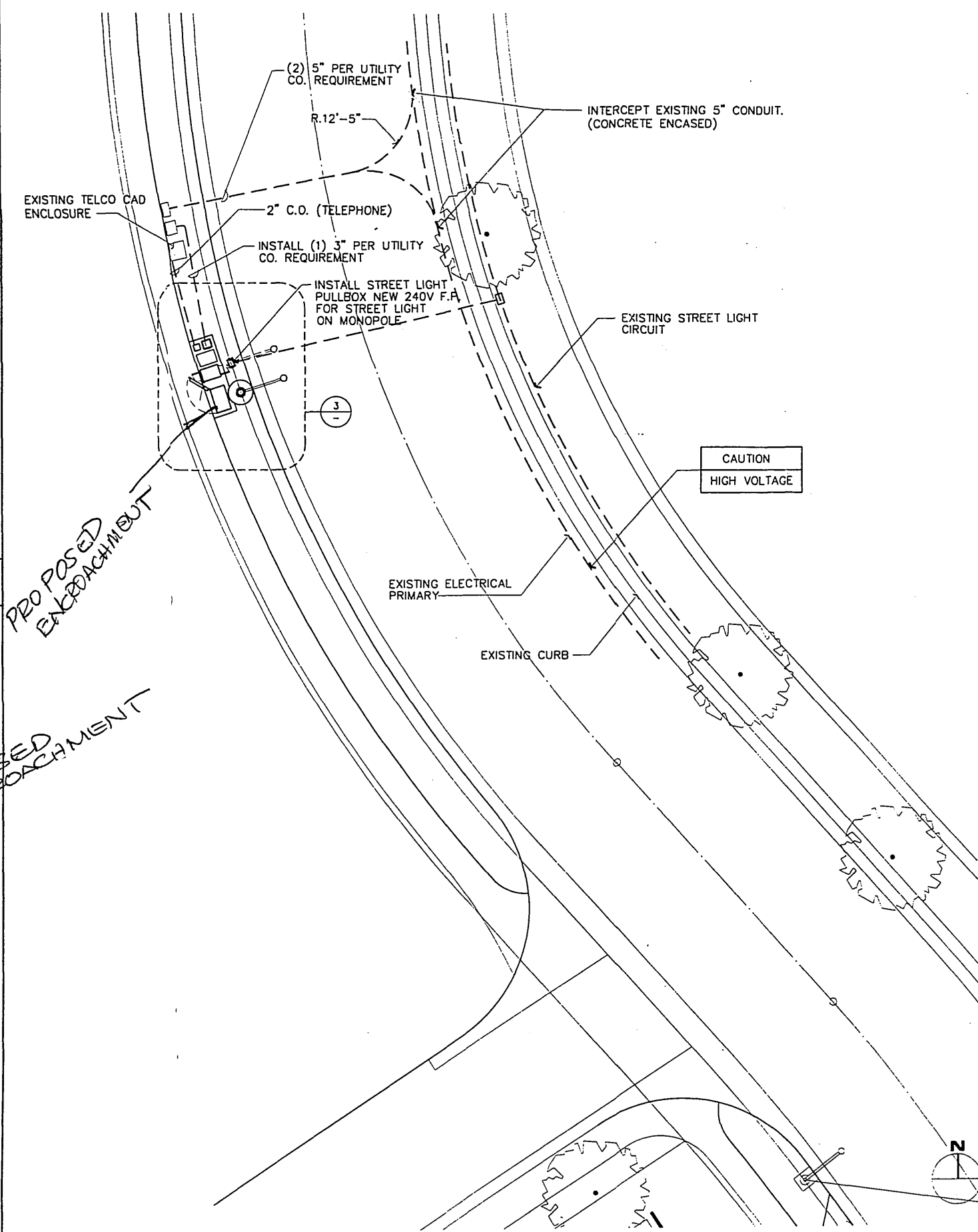
CONSTRUCTION NOTES:

- 1 (1) 2" C.O. FOR TELEPHONE. ROUTE CONDUIT TO TELCO CAD ENCLOSURE, LOCATED ON SITE.
- 2 (1) 2" CO.
- 3 FIELD TO VERIFY TELEPHONE CONNECTION DELETE TELEPHONE BOX AND RUN 2" CONDUIT DIRECT TO BTS IF CONNECTION IS FIBEROPTIC.
- 4 (1) 1 1/2" C-(3) #8 + (1) #2/0 GND.
- 5 (4) 4" C.O.
- 6 (3) 4" CO.
- 7 (1) 1" C-(1) #2/0 GND
- 8 POWER PEDESTAL
- 9 TELEPHONE BOX
- 10 LNA CABINET-36" L x 24" W
- 11 BTS
- 12 3" PVC C.O. FOR 120/240V 1Ø SERVICE PER UTILITY CO. REQUIREMENT. ROUTE CONDUIT TO NEW UNDERGROUND XFMR.
- 13 PULL BOX - 24" x 36".
- 14 (1) 1" C-(2)#8 FOR UNMETERED LIGHTING CIRCUIT. PROVIDE A DOUBLE POLE FUSE HOLDER AND (2) 10A FUSES AT STREET LIGHT BOX FOR LIGHTING CIRCUIT PROTECTION.
- 15 STREET LIGHT PULLBOX.
- 16 EXISTING LIGHT TO BE REMOVED.
- 17 NEW LIGHT



LEASE AREA DETAIL

SCALE: 1/4"=1'-0" 3



SITE PLAN

SCALE: 1"=20'-0" 1

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DATE: NOVEMBER 27, 1996  
ARCHITECT: THE BENTLEY COMPANY  
DRAWN BY:  
CHECKED BY:

REVISIONS			
REV	DATE	DESCRIPTION	BY

**PACIFIC BELL**  
Mobile Services  
4420 ROSEWOOD DR. BLDG. 2, 4TH FLOOR  
PLEASANTON, CALIFORNIA 94588

**SBA**  
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(714) 825-8052

**BENTLEY**  
THE BENTLEY COMPANY  
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Civil, Architectural, Structural, Mechanical, Electrical, Environmental, Surveying, Planning  
1777 Redwood Drive, Suite 300  
Walnut Creek, CA 94598-0178  
Telephone: 510-945-7550  
Facsimile: 510-945-3880

SITE NUMBER:  
CM-192-18-PA1-BS4

SITE TYPE:  
CYLINDER ANTENNA  
INSTALLATION

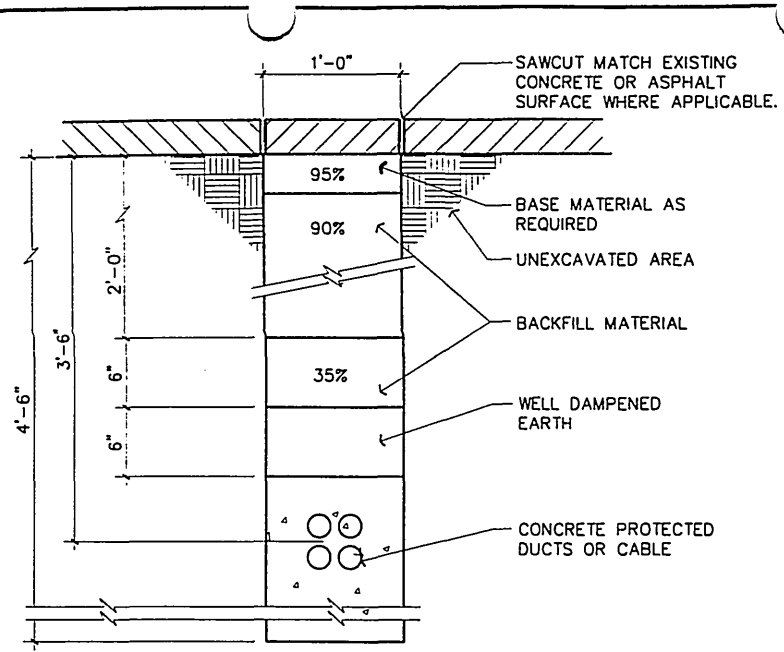
LOCATION:  
PINEDALE  
4630 MINNIER AVENUE  
RIVERSIDE, CA 92505

TITLE:  
SITE PLAN AND  
LEASE AREA DETAIL

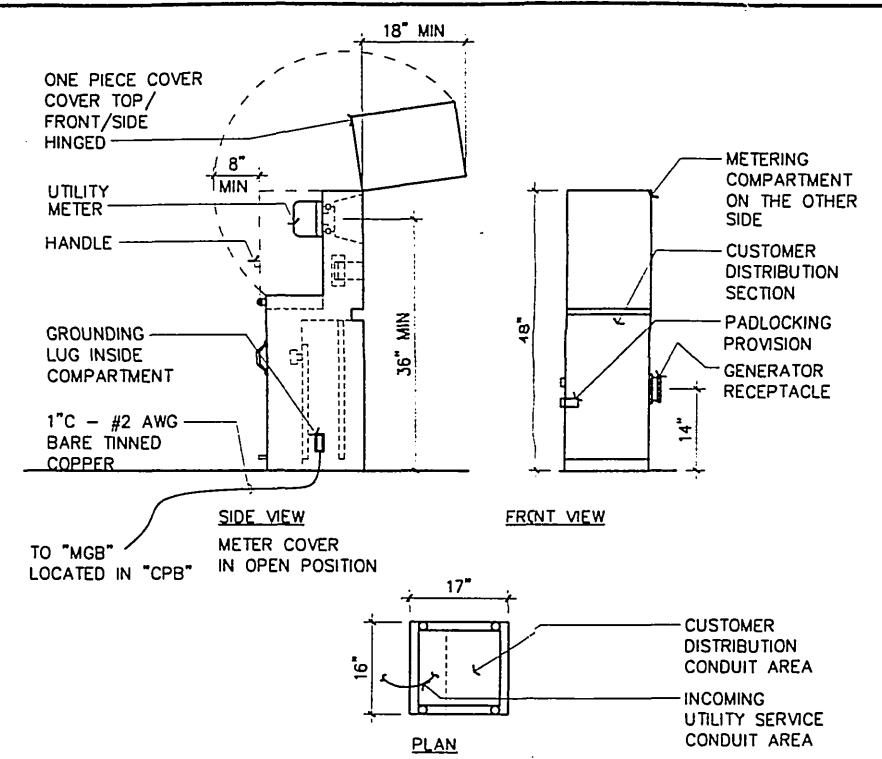
SHEET NUMBER:  
**E-1**

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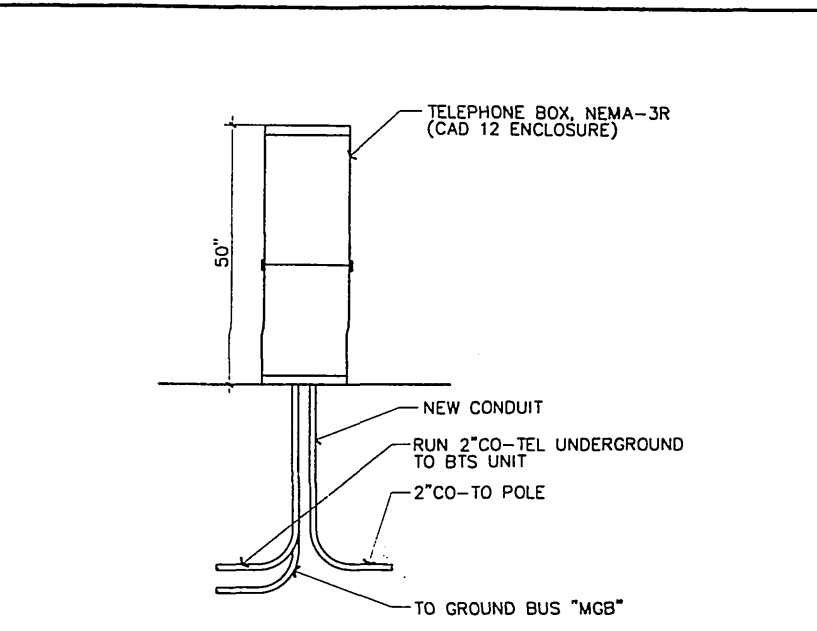
E-1380



COAX CONDUIT TRENCH SCALE: 1 1/2"=1'-0" 5



METER / POWER PEDESTAL SCALE: N.T.S. 3



TELEPHONE BOX SCALE: 3/4"=1'-0" 1

IN NEMA 3R ENCLOSURE (PEDESTAL) WITH PAD LOCKABLE DOOR.

**PANEL A**

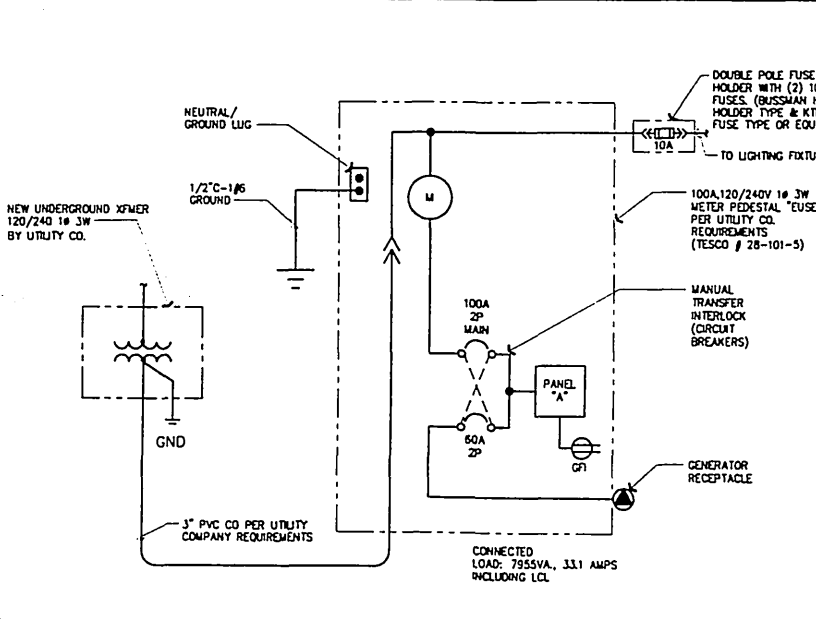
MOUNTING IN METER PEDESTAL MAIN 100A  
120/240 VOLTS 1 PHASE 3 WIRE A.I.C. RATING 10,000 BUS 100A

LOCATION	WATTAGE		L	T	G	R	E	C	B	R	C	R	E	C	L	T	G	WATTAGE		LOCATION		
	L1	L2																L1	L2			
BTS #1	3070								1	40	1	2	40								SPARE	
RECEPTACLE	180	3070										4	2								100	LIGHT

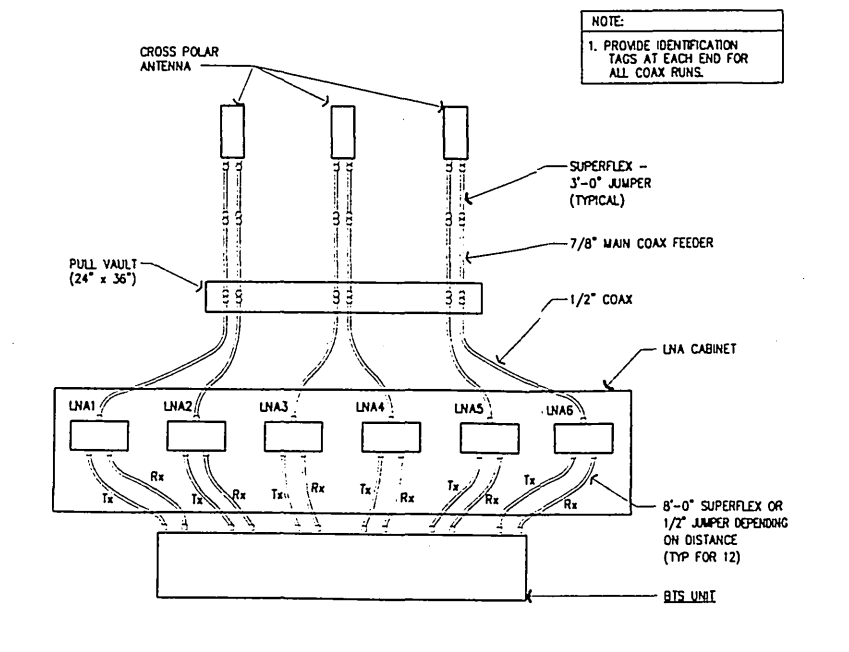
METER PANEL SCHEDULE SCALE: N.T.S. 6

**ANTENNA AND COAX CABLE SCHEDULE**

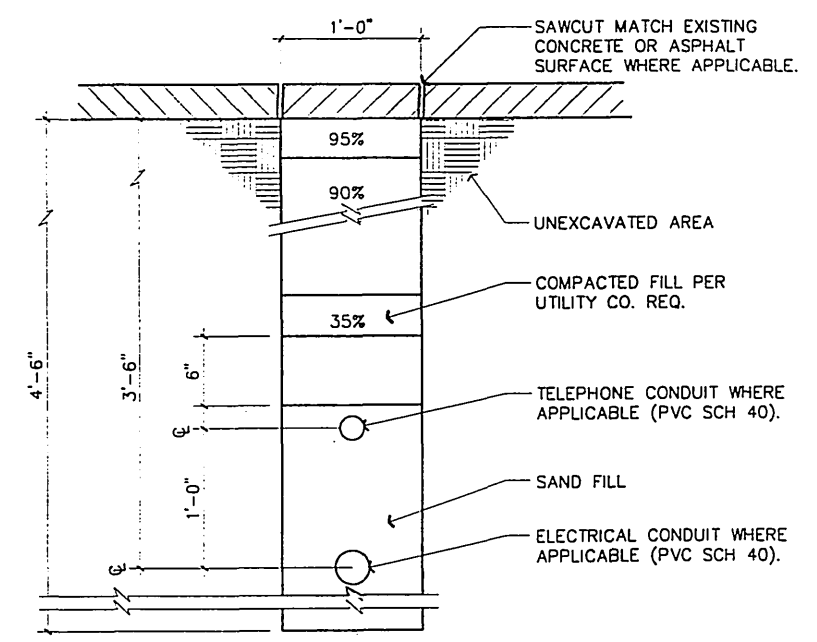
ANTENNA MARK	SECTOR	ANTENNA	COAX CABLE FEED LOCATION	AZIMUTH	COAX SIZE	DISTANCE
A	1	CROSS POLAR	1/2" JUMPER FROM LNA ANTENNA	301°-60°		53'-9"
B	2	CROSS POLAR	-	61°-180°		53'-9"
C	3	CROSS POLAR	-	181°-300°		53'-9"



SINGLE LINE DIAGRAM SCALE: N.T.S. 7



COAX CABLE RISER DIAGRAM SCALE: N.T.S. 4



ELEC/TELCO TRENCH SCALE: 1 1/2"=1'-0" 2

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PLEASANTON, CALIFORNIA 94588

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**THE BENTLEY COMPANY**  
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1727 MacArthur Blvd., Suite 200  
Walnut Creek, CA 94597  
Telephone: 916-945-5550

SITE NUMBER:  
**CM-192-18-PA1-BS4**

SITE TYPE:  
**CYLINDER ANTENNA INSTALLATION**

LOCATION:  
**PINEDALE  
4630 MINNIER AVENUE  
RIVERSIDE, CA 92505**

TITLE:  
**SINGLE LINE DIAGRAM,  
AND DETAILS**

SHEET NUMBER:

**E-2**

E-1380

